

FURTHER INFORMATION CONTINUED FROM THE SECOND SHEET

II

Fields searched (cont.)US Cl 130:27;250:43.5V. ☐ OBSERVATIONS WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE ¹⁰

This International search report has not been established in respect of certain claims under Article 17(2) (a) for the following reasons:

1. ☐ Claim numbers because they relate to subject matter ¹³ not required to be searched by this Authority, namely:

2. ☐ Claim numbers because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out ¹³, specifically:

VI. ☐ OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING ¹¹

This International Searching Authority found multiple inventions in this international application as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims of the international application.

2. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims of the international application for which fees were paid, specifically claims:

3. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claim numbers:

4. ☐ As all searchable claims could be searched without effort justifying an additional fee, the International Searching Authority did not invite payment of any additional fee.

Remark on Protest

☐ The additional search fees were accompanied by applicant's protest.

☐ No protest accompanied the payment of additional search fees.

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)

Category *	Citation of Document, ¹⁶ with indication, where appropriate, of the relevant passages ¹⁷	Relevant to Claim No ¹⁸
Y	GB, A, 1 378 715 (MASCHINENFABRIK FAHR AG) 27 December 1974 & FR, 2126702 DE, 2106970 AT, 343394	1
Y	Derwent's abstract No. C 3122 K/07, SU 472613	1
Y	US, A, 2 953 681 (DAVID FRAZIER) 20 September 1960	1
Y	US, A, 3 345 626 (JUNIOR W. THOMAS) 3 October 1967	

INTERNATIONAL SEARCH REPORT

Best Available Copy

International Application No.

PCT/US92/01349

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all)

According to International Patent Classification (IPC) or to both National Classification and IPC

IPC(5): A01C 7/00, A01D 41/00, A01F 12/00

U.S. Cl.: 56/1, 10.2, DIG. 2, DIG. 15; 111/200; 460/7

II. FIELDS SEARCHED

Minimum Documentation Searched

Classification System	Classification Symbols
U.S.	56/1, 10.2, DIG. 2, DIG. 15 460/1, 6, 7 111/170, 200, 903
	177/139 364/420

Documentation Searched other than Minimum Documentation
to the extent that such documents are included in the Fields Searched

III. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No. *
X Y	Carter Manufacturing Co, Inc. Brochure 01 October 1990, Box 252-2, Brookston, IN 47923. (See entire document)	1-40, 44, 46, 48-52 1-40, 44, 46, 48-52
Y	US, A, 4,951,031 (STRUBBE) 21 August 1990 (col. 8, line 46 - col. 9, line 52)	1-40, 44, 46, 48-52
E, Y	US, A, 5,092,819 (SCHROEDER) 03 March 1992 (col. 3, lines 13-43)	1-40, 44, 46, 48-52
A	US, A, 4,899,672 (PAUL) 13 February 1990	41-43
A	US, A, 4,305,225 (YUAN) 15 December 1981	41-43
A	US, A, 3,949,686 (JOHNSON) 13 April 1976	41-43
A	US, A, 3,606,742 (WIENEKE ET AL) 21 September 1971	1-40, 44-52
A	US, A, 3,073,099 (ANDERSEN) 15 January 1963	1-40, 44-52

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

* "I" later document published after the international filing date or priority date and not in conflict with the invention but cited to understand the principle or theory underlying the invention

* "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step

* "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

* "A" document member of the same patent family

IV. CERTIFICATION

Date of the Actual Completion of the International Search

08 May 1992

International Searching Authority

ISA/US

Date of Mailing of the International Search Report

22 JUN 1992

Signature of Authorizing Officer

George Suchfield